

## Electronic Supplementary Material

# A green synthesis of carbon nanoparticles from honey and their use in real-time photoacoustic imaging

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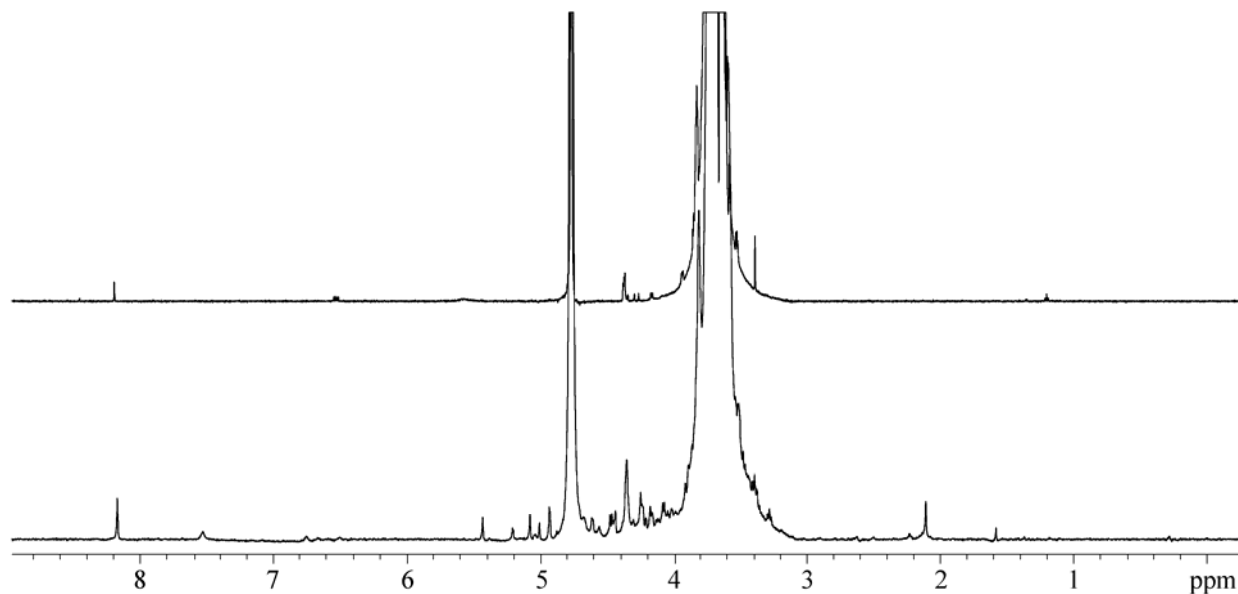
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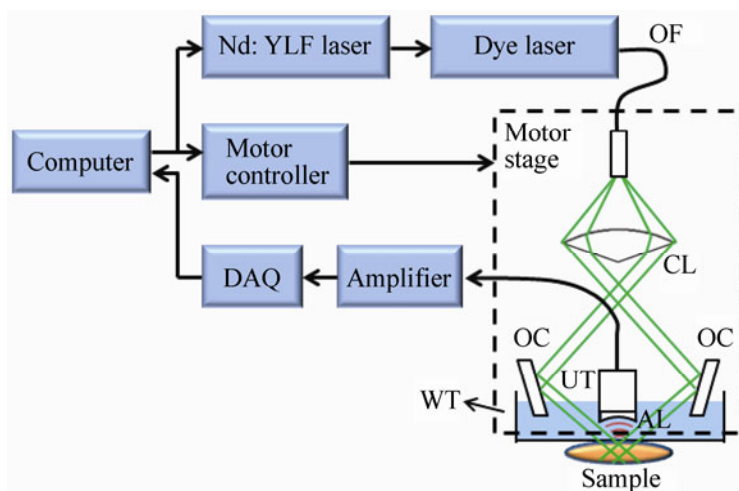
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**Figure S1** <sup>1</sup>H NMR spectra of PEG<sub>400</sub> (top) and OCN from honey (bottom) showing the structural integrity of the coating after the microwave pyrolysis method.

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**Figure S2** Schematic of the PA system. AL: acoustic lens; CL: conical lens; OF: optical fiber; OC: optical condenser; UT: ultrasound transducer; WT: water tank [S1, S2].

## References

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- [S2] Stein, E. W.; Maslov, K. I.; Wang, L. V. Noninvasive, *in vivo* imaging of the mouse brain using photoacoustic microscopy. *J. Appl. Phys.* **2009**, *105*, 102027.